

Converting Colors

YUV(46.9010, 3.4998, -2.5442)

Have a look what the booklet for
YUV(46.9010, 3.4998, -2.5442)
contains.

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Color

**YUV(46.9010, 3.4998,
-2.5442)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2F36
RGB	44, 47, 54
RGB Percent	17%, 18%, 21%
CMY	0.8275, 0.8157, 0.7882
CMYK	0.19, 0.13, 0.00, 0.79
HSL	222°, 10%, 19%
HSV	222°, 19%, 21%
XYZ	2.7211, 2.8348, 3.8938
YIQ	46.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

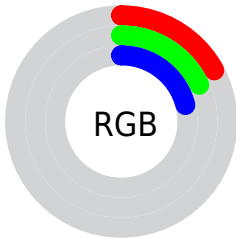
Format	Color
R_{YB}	44, 46, 54
Decimal	2895670
CIE _{Lab}	19.37, 0.50, -4.91
CIE _{LCh}	19, 4.935, 275.825
Yxy	2.8348, 0.2880, 0.3000
Android (android.graphics.Color)	4281085750 (0xFF2C2F36)
YUV	46.9010, 3.4998, -2.5442
Hunter-Lab	16.8370, -0.6168, -1.9257

Details

The YUV color **46.9010, 3.4998, -2.5442** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.0990, -3.4998, 2.5442**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0150, 3.9366, -2.6442**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **43.0580, 5.3944, -3.5589**, and if you desaturate by 10%, it is **50.7440, 1.6052, -1.5295**.

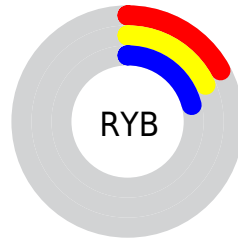
Distribution



Red (17%)

Green (18%)

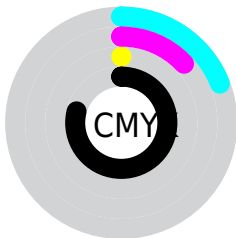
Blue (21%)



Red (17%)

Yellow (18%)

Blue (21%)

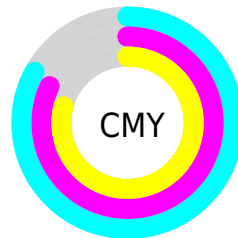


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (79%)



Cyan (83%)

Magenta (82%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.9010, 3.4998, -2.5442 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 46.9010, 3.4998, -2.5442 by changing the saturation by 10% instead.

■ 46.9010, 3.4998,
-2.5442

■ 46.9010, 3.4998,
-2.5442

■ 255.0000, 0.0000,
0.0000

■ 25.9010, 3.4998,
-2.5442

■ 93.0150, 3.9366,
-2.6442

■ 1.0260, 3.9312,
-0.8998

■ 117.1290, 4.3734,
-2.7441

■ 0.0000, 0.0000,
0.0000

■ 143.0150, 3.9366,
-2.6442

■ 169.1290, 4.3734,
-2.7441

■ 196.8300, 4.5208,
-3.3589

■ 224.8300, 4.5208,

-3.3589

252.3310, 1.3158,
-2.0443

46.9010, 3.4998,
-2.5442

46.9010, 3.4998,
-2.5442

43.0580, 5.3944,
-3.5589

50.7440, 1.6052,
-1.5295

38.9160, 7.4364,
-5.1883

54.8860, -0.4368,
0.1000

35.6600, 9.0416,
-6.7178

58.1420, -2.0420,
1.6295

31.5180, 11.0836,
-8.3473

62.2840, -4.0840,
3.2589

27.6750, 12.9782,
-9.3620

66.1270, -5.9786,
4.2736

■ 23.8320, 14.8728,
-10.3767

■ 69.9700, -7.8732,
5.2883

■ 20.2770, 16.6254,
-12.5209

■ 73.5250, -9.6258,
7.4326

■ 16.4340, 18.5200,
-13.5356

■ 77.3680, -11.5204,
8.4473

■ 15.5480, 18.9568,
-13.6356

■ 81.5100, -13.5624,
10.0767

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.1780, 3.3632, -5.4181



46.9010, 3.4998, -2.5442



47.6950, 2.6154, 1.1445

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.9010, 3.4998, -2.5442



47.4630, -2.2003, 5.7329



46.0380, -1.0047, -4.4183

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.9010, 3.4998, -2.5442



51.0990, -3.4998, 2.5442

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.3050, -2.6154, -1.1445



46.9010, 3.4998, -2.5442



47.5230, -3.2158, 4.8033

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.9010, 3.4998, -2.5442



47.8050, -0.8899, 5.4330



46.8000, -3.3524, 1.9294



45.5970, 1.1847, -6.6626

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.9010, 3.4998, -2.5442



47.4780, 1.7363, 3.0888



46.8000, -3.3524, 1.9294



46.2230, -1.5889, -3.7036

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.9010, 3.4998, -2.5442



68.0430, 1.4578, -0.9147



50.6680, 0.1637, -5.8478



33.9290, 1.0210, -0.8147



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.9010, 3.4998, -2.5442



60.0580, 5.3944, -3.5589



45.7380, 4.0732, 0.2298



25.9290, 1.0210, -0.8147



26.9240, 32.0825, -23.6123



63.7080, 76.5590, -55.8719

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.3320, -0.1637, 5.8478



60.9410, -0.4639, 8.8217



52.2620, -4.0732, -0.2298



26.0110, -0.0054, 1.7444



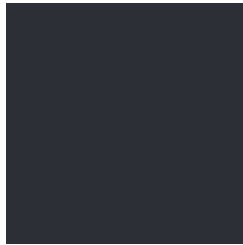
30.7000, -1.3311, 53.7601



73.0050, -3.4535, 128.0376

Previews

White Background



This preview shows how the YUV color 46.9010, 3.4998, -2.5442 looks on a white background.

Color Contrast Check

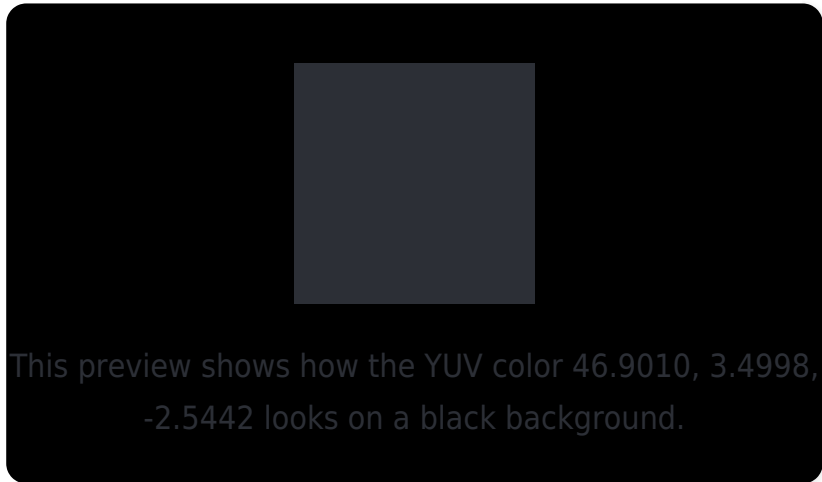
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

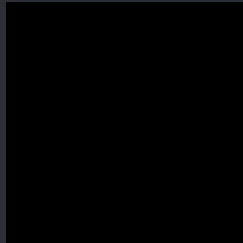
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

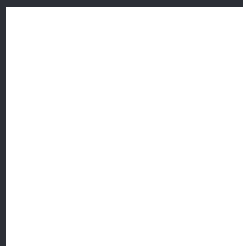
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 46.9010, 3.4998, -2.5442

Background



This preview shows how black text looks on a background with the YUV color 46.9010, 3.4998, -2.5442.



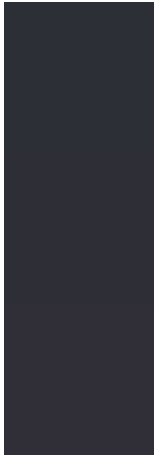
This preview shows how white text looks on a background with the YUV color 46.9010, 3.4998,

-2.5442.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.9010, 3.4998, -2.5442

Protanopia

47.4990, 3.2050, -1.3146

Deuteranopia

47.5100, 3.1996, 0.4297



Tritanopia

46.2600, 2.3368, -2.8590

Trichromacy



Original Color

46.9010, 3.4998, -2.5442

Protanomaly

47.2000, 3.3524, -1.9294

Deuteranomaly

47.2110, 3.3470, -0.1850

Tritanomaly

46.3740, 2.7736, -2.9590

Monochromacy



Original Color

46.9010, 3.4998, -2.5442

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.9010, 3.4998, -2.5442 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(44, 47, 54)` looks like.

```
.text, #text, p{  
    color:rgb(44, 47, 54)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(44, 47, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 47, 54) }
```

Border

The CSS property to change the border of an element to YUV 46.9010, 3.4998, -2.5442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(44, 47, 54) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(44, 47, 54) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(44, 47, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 47, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 47, 54);  
box-shadow:4px 4px 4px 4px rgb(44, 47, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.9010, 3.4998, -2.5442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 47, 54) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(44, 47,  
54) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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